

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR L526 058450-1558 - Front Left Wheel Hub

Sample No: LH0289678

Oil Type: LIEBHERR GEAR BASIC 90 LS



Sample Information

Sample Number	LH0289678	LH0261292	LH0230917	---
Sample Date	15 Apr 2024	21 Apr 2023	26 May 2022	---
Machine Hours	3938	3178	1792	---
Oil Hours	0	0	0	---
Oil Changed	Changed	Changed	Changed	---
Sample Status	NORMAL	NORMAL	NORMAL	---

CLOUTHIER VENTURES LTD.
 59 MATTHEWS STREET, R.R. # 5
 PEMBROKE, ON
 CA K8A 0A6
 Contact: Travis Bennett
 tbennett@clouthierconst.com
 T: (613)735-6531
 F: (613)735-2769



Oil Condition

Visc @ 40°C	cSt	124	85.6	110	---
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Contamination

Water	%	NEG	NEG	NEG	---
Silicon	ppm	3	6	9	---
Sodium	ppm	2	2	3	---
Potassium	ppm	<1	<1	1	---

Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.



Wear Metals

Iron	ppm	47	54	82	---
Copper	ppm	0	0	<1	---
Lead	ppm	0	0	0	---
Tin	ppm	0	0	0	---
Aluminum	ppm	<1	1	<1	---
Chromium	ppm	<1	<1	1	---
Molybdenum	ppm	0	2	<1	---
Nickel	ppm	0	0	<1	---
Titanium	ppm	0	<1	<1	---
Silver	ppm	0	0	0	---
Manganese	ppm	<1	<1	2	---
Vanadium	ppm	0	0	0	---



Additives

Calcium	ppm	15	47	101	---
Magnesium	ppm	1	2	2	---
Zinc	ppm	12	33	63	---
Phosphorus	ppm	1861	1581	1694	---
Barium	ppm	<1	0	2	---
Boron	ppm	132	289	208	---

Depot: CLOPEM
 Unique No: 5763127
 Signed: Wes Davis
 Report Date: 18 Apr 2024



Graphs

